PTO 1449

INFORMATION DISCLOSURE CITATION

Atty. Docket No.:

Serial No:

448563/163

New application

Applicant:

Minoru Usui et al.

Group:

Filing Date: Herewith

U.S. PATENT DOCUMENTS

Ex. Init	Document Number	Issue Date	Name	Class	Subclass

FOREIGN PATENT DOCUMENTS

Ex.		Publication	Publication	Country	Class	Translation
Init		Number	Date			
un	Α	8-132635	5/28/96	Japan		No

OTHER DOCUMENTS

Ex Init	Document Identification

Examiner: Date Considered: 3/14/01

788005v1

INFORMATION DISCLOSURE CITATION					448563/16		09/312,073			
		(Use several sheets if neces			FILING May 13, 19		GROUP 2853			
		,	U.S	S. PATENT	DOCUMENTS	•				
*EXAMINER	ER DOCUMENT NUMBER DATE			NAME CLAS		SUBCLASS	FILING DATE IF APPROPRIATE			
		,						ļ		
		<u> </u>								
							<u> </u>			
·							ļ			
			5000		NT DOCUMENTS					
	Г			IGN PATE	NT DOCUMENTS		T	TRAN	SLATION	
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	YES	NO	
MM	A	10-58696	3/3/98	Japan				E		
	В	11-132474	5/21/99	Japan			 	A	<u> </u>	
	С	10-058696	8/13/96	Japan				Α		
	D	EP 0 832 747	4/1/98	EP				Yes		
m	E	10-119314	5/12/98	Japan			 	E		
	ı	OTHER DOCUME A copy of a Japanes offi	•	-	Title, Date, Pertinen	it Pages, Etc.)			
an.		F		,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		0	I PE	yC23	
		E≑ Engli ∧A= Abstr	sh language act attache	e equiv	alent follow s J a	a panese	PARA	TRADEN!	The state of the s	
EXAMINE	₹	lychurk	(a)		DATE CONSIDERED	3/1	4/0 1			
		ial if reference considered, whethoude copy of this form with next con			nance with MPEP 609; Dra	w line through o	itation if not in c	onformance	e and not	
								–		

INFORMATION DISCLOSURE CITATION					ATTY DOCKET NO. 448563/163			SERIAL NO. 09/312,073				
	INF		ATION DISCLOSU se several sheets if ne									
				FILING GROUP					2853			
					U.	S. PATENT	DOCUMENTS	-				
*EXAMINER			DOCUMENT NUMBER		DATE		NAME	CLAS	s	SUBCLASS	FILING DATE	
INITIAL			<u>.</u>								IF APPROP	RIATE
			·	-								
			·	+								
				+		<u> </u>					_	
	<u> </u>	ļ		\top								
		 				·						
				:								-
											-	
					FOR	EIGN PATE	NT DOCUMENTS	_				
			DOCUMENT NUMBER	2	DATE	DATE COUNTRY CLASS			s	SUBCLASS TRANSLATIO		
	G	11-1	32747	U I	5/21/99 T	Japan					_A	NO
	Н	-10-1	19314 PUPL	101	5/12/98	-Japan-					_E	
						 						
			*								.	
			OTHER DOCU	JMENT	rs (Includii	ng Author	, Title, Date, Pertin	nent Pages, E	Etc.)			
											(6	W 5C23
										PAR	T& TRADEN	MAN
EXAMINE	R	<u> </u>	dum	(,1	<u> </u>	-	DATE CONSIDERED	3/17	1/0	.)		
			erence considered, who				ance with MPEP 609;	Draw line throug	/ gh cita	ation if not in co	onformance	and not

Form PTO-A820 (als form PTO-1449) P09C/REV03

Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE

				1 1	ATTY DOCKET NO. 448563/1		ERIAL NO. 09 /3	312,073	ť		
ļ	INF	ORMATION DISCLOSUF (Use several sheets if nec	ESITATIÓN :	7 50				·			
	AUG 0 7 2000 FILING May 13, 1999 2853										
				S. PATENT	DOCUMENTS	·!			-		
*EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
MW	A	5,576,750	11/19/96	Brandon	et al.	347	87	10/11/94			
					,						
-											
								S			
							TC 2				
							REOGHAL RODM	PIN RE			
							ria,	^z Cf			
							20; - Ro	THE			
							DM	Ŋ	**		
		_	FOR	REIGN PATEN	IT DOCUMENTS						
		DOCUMENT NUMBER	DATE		COUNTRY		SUBCLASS	TRANS YES	LATION NO		
بيها	В	2 315 461	2/4/98	U.K.				J			
	С	2 314 809	1/14/98	U.K.				J			
	D	2 315 045	1/21/98	U.K.				1			
	E	2 299 786	10/16/96	U.K.				1			
M	F	0 803 365	10/29/97	ЕРО				J			
		OTHER DOCUM	MENTS (Includ	ing Author,	Title, Date, Pertine	ent Pages, Etc.)					
					_						
				•							
EXAMINE	R	uidum h	1		DATE CONSIDERED	3/14	101				
		ial if reference considered, whe			ance with MPEP 609; D	raw line through cit	ation if not in co	onformance	and not		
Form PTC	A 0 0 0			POSC	/REV03	Patent and Tradema	+ Office * II S DEP	ADTMENT OF	COMMEDCE		

				/	ATTY DOCKET NO. 448563/1		SERIAL NO. 09/	312,073	ı
.	INF	DRMATION DISCLOSUR (Use several sheets if nece	ssary)	E		,			· -
		,	AUG 0 7	ر. _۱	FILING May 13, 1999		GROUP	 2853	•
- "			1.2	\$ 1	DOCUMENTS				
*EXAMINER		DOCUMENT NUMBER	DATE	MANA	NAME CL		SUBCLASS	FILING DATE IF APPROPRIATE	
						-		11 70 110110	IATE
_									
_				. —					
					······································			_	
:									
•					<u>, y y y - </u>				
	l	<u> </u>	FOREIG	SN PATE	NT DOCUMENTS	I		l .	:
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSL YES	ATION NO
em	G	0 872,355	10/21/98	ЕРО				1	
								,	
		OTHER DOCUM	ENTS (Including	Author,	Title, Date, Pertinent I	Pages, Etc	•	·	
								3	
							280/	<u> </u>	
	ı						HAIL K	PECELINET	
EXAMINE	7	hi dum h	1		DATE CONSIDERED	3/14	/o F 0	3	
		al if reference considered, whet de copy of this form with next c			ance with MPEP 609; Draw	line through	citation if not in co	onformance a	and not

F rm PTO-A820 (also form PTO-1449)

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Application Number
448563/1
Applicant(s)
Minoru Usui et al.
Filing Date
Group Art Unit

					5/13/99			2853	
				U.S. PATE	NT DOCUMENTS				
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	,	NAME	CLASS	SUBCLASS	FILING IF APPRO	
		IP E							
	_		質						
,		IE 518							
		TADE!	N. C.						
					,				
					, , ,				
		· ·		FOREIGN	PATENT DOCUMENTS				
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Trans	
M	A	GB 2 316 657	4/3/1998	U.K.	······································			YES J	NO
an	В	JP 11070673-A		Japan				abstra	rt.
								1333.4	, ,
	I	-	<u> </u>	OTHER D	OCUMENTS (Including	g Author, Title, De	ite, Pertinent Pa	iges, Etc.)	
						. =			
	N	1000	Λ -	<u></u>		1 1	,		
EXAMINE	R V	damel in	J-		DATE CONSIDERED	3/14/	0]	-	
EXAMINE not conside	R: Initi red. In	al if citation considered, whether clude copy of this form with next	or not citation is	in conformance applicant.	e with MPEP Section 609;	Draw line throug	th citation if no	t in conform	ance and